1. An apparatus comprising:

a digital signal processor which receives data, compresses the data, and generates data packets that correspond to the compressed data; and

a packet engine which receives the data packets and directs the data packets to a network in accordance with network addressing information.

2. The apparatus of claim 1, further comprising:

a network interface which regulates a flow of the data packets between the packet engine and the network.

3. The apparatus of claim 1, wherein the data represents voice information for voice-over IP (VOIP).

4. The apparatus of claim 3, further comprising:

a media gateway controller which receives a telephone number, translates the telephone number to the network addressing information, provides the network addressing information to the packet engine, and opens a channel over the network using the network addressing information.

5. The apparatus of claim 1, wherein the network addressing information comprises a network Internet Protocol (IP) address.

6. The apparatus of claim 5, wherein the network comprises the Internet.

7. The apparatus of claim 6, wherein the packet engine directs the packets to the IP address on the Internet.

8. The apparatus of claim 1, wherein the packet engine is part of a network processor that includes multiple packet engines.

9. The apparatus of claim 1, wherein the data comprises T1 packets and the digital signal processor generates a different type of data packets than T1 packets.

10. The apparatus of claim 1, wherein the digital signal processor encrypts the data packets prior to the packet engine directing the data packets to the network.

11. The apparatus of claim 1, wherein the data comprises streaming video.

12. A method comprising:

using a digital signal processor to receive data, compress the data, and generate data packets that correspond to the compressed data; and

receiving the data packets at a packet engine which directs the data packets to a network in accordance with network addressing information.

13. The method of claim 12, further comprising:

regulating a flow of the data packets between the packet engine and the network.

14. The method of claim 12, wherein the data represents voice information for voice-over IP (VOIP).

15. The method of claim 14, further comprising:

receiving a telephone number;

translating the telephone number to the network addressing information;

providing the network addressing information to the packet engine; and

opening a channel over the network using the network addressing information.

16. The method of claim 12, wherein the network addressing information comprises a network Internet Protocol (IP) address.

17. The method of claim 16, wherein the network comprises the Internet.

18. The method of claim 17, wherein the packet engine directs the packets to the IP address on the Internet.

19. The method of claim 12, wherein the packet engine is part of a network processor that includes multiple packet engines.

20. The method of claim 12, wherein the data comprises T1 packets and the digital signal processor generates a different type of data packets than T1 packets.

21. The method of claim 12, further comprising encrypting the data packets in the digital signal processor prior to the packet engine directing the data packets to the network.

22. The method of claim 12, wherein the data comprises streaming video.

22. An apparatus comprising:

an interface device which receives a telephone number, translates the telephone number to an Internet Protocol address, and opens a channel over a network using the Internet Protocol address;

a digital signal processor which receives pulse-code modulated voice data, compresses the pulse-code modulated voice data, and generates data packets that correspond to the compressed pulse-code modulated voice data; and

a network processor which receives the Internet Protocol address from the interface device, receives the data packets from the digital signal processor, and directs the data packets to the network in accordance with the Internet Protocol address.

23. The apparatus of claim 22, wherein the digital signal processor encrypts the data packets prior to the network processor directing the data packets to the network.

24. The apparatus of claim 22, further comprising:

a network interface which regulates a flow of data packets between the network processor and the network.

25. An apparatus comprising:

an interface device which receives an address and opens a channel over a network using the address;

a digital signal processor which receives streaming video data, compresses the streaming video data, and generates data packets that correspond to the compressed streaming video data; and

a network processor which receives the address from the interface device, receives the data packets from the digital signal processor, and directs the data packets to the network in accordance with the address.

26. The apparatus of claim 25, wherein the digital signal processor encrypts the data packets prior to the network processor directing the data packets to the network.

27. The apparatus of claim 25, further comprising:

a network interface which regulates a flow of data packets between the network processor and the network.

28. An article comprising a machine-readable medium that stores executable instructions to process data packets, the instructions causing a machine to:

receive data from a packet engine on a network processor;

compress the data;

generate data packets that correspond to the compressed data; and

send the data packets back to the packet engine.

29. The article of claim 28, wherein the data represents voice information for voice-over IP (VOIP).

30. The article of claim 28, wherein the data comprises T1 packets and the data packets that are generated comprise a different type of data packets than T1 packets.